

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PHNL040460WO	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below
International application No PCT/IB2005/051244	International filing date (day/month/year) 15/04/2005	(Earliest) Priority Date (day/month/year) 20/04/2004
Applicant KONINKLIJKE PHILIPS ELECTRONICS N.V.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets

It is also accompanied by a copy of each prior art document cited in this report

1 Basis of the report

- a With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23 1(b))

- b With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No I

2 **Certain claims were found unsearchable** (See Box II)

3 **Unity of invention is lacking** (see Box III)

4 With regard to the **title**,

the text is approved as submitted by the applicant

the text has been established by this Authority to read as follows

5 With regard to the **abstract**,

the text is approved as submitted by the applicant

the text has been established, according to Rule 38 2(b), by this Authority as it appears in Box No IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6 With regard to the **drawings**,

- a the figure of the **drawings** to be published with the abstract is Figure No 8

as suggested by the applicant

as selected by this Authority, because the applicant failed to suggest a figure

as selected by this Authority, because this figure better characterizes the invention

- b none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/051244

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G11B7/24 G11B7/135

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	<p>FERRY ZIJP ET AL.: "Zero-field MAMMOS recording system with a blue laser, NA=0.95 lens, fast magnetic coil, and thin cover layer" PROCEEDINGS OF SPIE, vol. 5069, September 2003 (2003-09), pages 19-26, XP002341410 cited in the application page 19, line 24, paragraph 2 – page 20, line 4, paragraph 2 page 21, line 9, paragraph 3 – page 23, line 6, paragraph 3</p> <p>-----</p> <p style="text-align: center;">-/--</p>	1-7

Further documents are listed in the continuation of box C

Patent family members are listed in annex

° Special categories of cited documents

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

19 August 2005

Date of mailing of the international search report

05/09/2005

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2005/051244

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	US 2004/013077 A1 (SAITO KIMIHIRO ET AL) 22 January 2004 (2004-01-22) page 2, paragraph 16 – page 2, paragraph 20 page 3, paragraph 38 – page 4, paragraph 49 page 5, paragraph 55 – page 5, paragraph 56 page 6, paragraph 77 figures 1,3a,3b,5,8,9 -----	1-7
A	US 2003/058777 A1 (MARTYNOV YOURII V ET AL) 27 March 2003 (2003-03-27) page 1, paragraph 1 – page 1, paragraph 4 page 2, paragraph 14 – page 2, paragraph 18 page 2, paragraph 27 – page 4, paragraph 41 page 4, paragraph 54 – page 5, paragraph 57 figures 1,2 -----	1-7
A	US 2004/037205 A1 (SHINODA MASATAKA ET AL) 26 February 2004 (2004-02-26) page 3, paragraph 61 – page 3, paragraph 70 figure 1 -----	1-7
A	EP 1 130 440 A (SONY CORPORATION) 5 September 2001 (2001-09-05) page 2, paragraph 13 – page 3, paragraph 29 page 6, paragraph 46 – page 7, paragraph 58 page 8, paragraph 82 – page 8, paragraph 94 page 11, paragraph 156 – page 12, paragraph 174 figures 1,4 -----	1-12
X	US 6 097 688 A (ICHIMURA ET AL) 1 August 2000 (2000-08-01) column 3, line 51 – column 5, line 25 column 5, line 66 – column 6, line 38 column 7, line 20 – column 7, line 59 column 8, line 27 – column 8, line 56 column 9, line 1 – column 9, line 15 figures 1-3,5,6 -----	8-12
X	US 6 108 292 A (ZIJP ET AL) 22 August 2000 (2000-08-22) column 4, line 61 – column 5, line 47 figure 1 -----	8,10-12
A	-----	9
	-/-	

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/051244

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 6 064 641 A (BRAAT ET AL) 16 May 2000 (2000-05-16) column 4, line 43 – column 5, line 2 figure 1	8
A	-----	9-12
X	US 6 568 594 B1 (HENDRIKS BERNARDUS HENDRIKUS WILHELMUS ET AL) 27 May 2003 (2003-05-27) column 5, line 34 – column 6, line 36 figures 1,3-5	8
A	-----	9-12
X	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 12, 26 December 1996 (1996-12-26) & JP 08 212579 A (SONY CORP), 20 August 1996 (1996-08-20) abstract paragraph '0012! – paragraph '0019! paragraph '0030! paragraph '0039! – paragraph '0046! figures 1-3	8
A	-----	9-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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